AUTHOR INDEX

Abe, H., 469
Aoki, Y., 855
Date, M., 509
Endō, R., 487
Fueno, T., 711
Fujii, K., 647
Fujita, Y., 663
Fukada, E., 509
Fukuhara, S., 873
Furukawa, J., 607, 711
Furuya, S., 655
Go, S., 453
Hasegawa, M., 671
Hashimoto, K., 761
Hayashi, J., 809, 825
Hikosaka, A., 519
Hirai, N., 509
Hisatome, M., 741
Hotta, Y., 583
Iimuri, K., 741
Imai, Y., 461
Imai, K., 469
Imai, K., 809
Inoue, S., 721
Ishida, S., 705
Ishigure, K., 663
Iwai, H., 761
Iwakura, Y., 461
Iwatsuki, S., 753
Kakinuma, T., 629
Kamogawa, H., 655
Kaneko, K., 705
Kaneko, M., 543
Kato, M., 655
Kato T., 519
Kato, T., 695
Keii, T., 453
Kitahama, Y., 785
Kobayashi, H., 785
Koide, N., 741
Koizumi, N., 499
Kojima, A., 453
Kokubo, T., 753
Konishi, K., 619
Kotani, T., 607
Kotera, A., 619
Kubo, T., 683
Kumanotani, J., 519
Kumata, Y., 711
Kusumoto, N., 837
Kuwahara, N., 543
Matsuda, H., 619
Matsumoto, M., 469, 647
Matsuura, K., 721
Matsuura, Y., 487
Matsuzaki, K., 73
Mihara, S., 683
Minato, H., 761
Mineshita, T., 533
Morita, M., 683
Nagai, T., 793
Nakamura, Y., 629
Negishi, M., 629
Nozawa, Y., 741
Ohama, H., 785
Okada, A., 671
Okajima, S., 683
Okamoto, T., 597
Okazawa, T., 543
Omote, S., 873
Ono, S., 533
Oshima, K., 663
Ōyanagi, Y., 647
Ozaki, S., 695
Philippoff, W., 881
Shibatani, K., 647
Shimazaki, A., 555
Shimura, Y., 803
Shirota, Y., 793
Shito, N., 569
Soga, K., 453
Sugita, T., 765
Suzuki, R., 583
Suzuki, Y., 873
Tabata, Y., 663
Takahashi, A., 453
Takahashi, H., 671
Takai, M., 825
Takayanagi, M., 597
Takeda, M., 487, 741
Takemura, K., 619
Tanaka, T., 865
Tateno, N., 733
Tokura, N., 793
Tornqvist, E. G. M., 881
Tsuboyama, S., 775
Tsuji, F., 499
Tsuruta, T., 721

Ukida, J., 647
Wada, Y., 583
Watanabe, S., 809, 825
Watanabe, T., 533
Yamada, K., 711
Yamada, T., 683
Yamashita, S., 607
Yamashita, Y., 753
Yanagita, M., 775
Yano, S., 499
Yasui, T., 761
Yokoyama, T., 865

SUBJECT INDEX

Acetylization reaction, 647
Acid anhydride–epoxy resin mixtures, 555
Acrolein dimer, 785
Adhesion between chlorinated isotactic polypropylene and isotactic propylene, 855
Allyl group, residual, 655
L-α-Amino acid–diethylzinc systems, 711
Amorphous phase of isotactic polypropylene, 583
Assymmetric-selection polymerization of propylene oxide, 711
Atactic, linear, poly-α-olefins in solution, 881
Blends of high and low density polyethylene, 597
N-Carboxy anhydride polymerization, 721
Catalyst, soluble, active complex of $Ti(O\text{-}n\text{-}Bu)_4$–$AlEt_3$ system, 741
diethylzinc-L-α-amino acid systems as, 711
optically active and inactive, 733
Cellulose fibers, 629
Cellulose triacetate, 825
Cellulose trinitrate, 809
Ceric ion method, 461
Charge-transfer complex and polymerization, 753
Chlorinated isotactic polypropylene, 855
Chlorinated stereoregular polybutadienes, 487
Conformational aspects of *N*-substituted poly-2-ethylethylenemine, 755
Copolymer, tetrafluoroethylene–hexafluoropropylene, 499
Copolymerization, alternating radical, 753
Copolymerization graft, 461
Crystallinity of nylon 6 tire cords and films, 873
Crystallinity, role of, of polymer, 855
Decomposition of 3,4,5,6-tetrahydro-2,4-dioxo-2*H*-1,3-oxazines, 695
Dielectric properties of cured epoxy resins, 569
of polytetrafluoroethylene, tetrafluoroethylene–hexafluoropropylene copolymers, 499
Diethylzinc–L-α-amino acid systems, 711
Diffusion behavior of polymer molecules in solution, 619
α,ω-Difunctional polystyrene, 803
Dihydrazide derivatives, 671
3,4-dihydro-2*H*-pyran-2-carboxyaldehyde, 785
Diisocyanates, 803
Dimer, acrolein, 785
Donor–acceptor interaction, 753
Elastomers, 629
Enzymic oxidation, 519
Epoxy resins, cured, 569
pyrolysis of, 765
Epoxy resin–acid anhydride mixtures, 555
ESR studies, 837
Fiber, poly(ethylene 1,2-diphenoxyethane-*p*,*p*′-dicarboxylate), 683
Fibers, cellulose, 629
Film formation, 519
Flow of polymer solution in capillary, 533
Formation reaction of a phenylmethylene polysulfone, 793
Free radicals, 761
Glass transition and relaxation, 583
Glass-transition region, properties of cured epoxy resins in, 569
Grafting onto bovine serum albumin, 461
Homopolymerization of 3,4-dihydro-2*H*-pyran-2-carboxyaldehyde, 785
Hydroperoxides, 761
Isocyanic acid, 695
Isotactic polypropylene, 583, 855
Isotactic poly-α-olefines, 881
Isotacticity of polypropylene, 453
Japanese laquer, 519
Laccase, 519
Mechanical model, two-phase of viscoelastic properties of polyethylene blends, 597
Mechanical properties of cured epoxy resins, 569
Methyl methacrylate, 469
Monomers, optically active, 733
Nylon 6 tire cords and films, 873
Optical rotatory dispersion, 775
Optically active monomers, 733
Phenylmethylene polysulfone, 793
Piezoelectricity in wood, 509
Poly(allyl methacrylate), 655

Polybutadienes, chlorinated, 487
Polydimethylsiloxane solutions, 543
Polyethylene, 597
Poly(ethylene 1,2-diphenoxyethane-*p,p'*-dicarboxylate), 683
Poly-2-ethylethylenemine, 75
Polymerization, asymmetric-selection, 711
N-carboxy anhydride, 721
  solid-state, 663
  stereoregular, 733
  charge-transfer complex and, 753
  syndiotactic, 469
Polymerization of 3,4-dihydro-2*H*-pyran-2-carboxyaldehyde, 785
  of 3,4,5,6-tetrahydro-2,4-dioxo-2*H*-1,3-oxazines, 695
  of vinyl chloride, 761
Poly-α-olefines, 881
Polypropylene, 453, 583, 837
Polystyrene, 803
Polysulfone, 793
Polytetrafluoroethylene, 499
Polyurethanes, 865
Poly(vinyl alcohol), 647
Propylene oxide, 711
Proteins, 461
Pyrolysis of aromatic amine-cured epoxy resins, 765
o-Quinone, 519
Resin, thermosetting, 765
Resins, condensation-type, 705
Rheo-optical behavior, 881
Rubber, 607
Solution properties, 487
Stereoregular polybutadienes, 487
Stereoregulation in *N*-carboxy anhydride polymerization, 721
Stereospecificities, 837
Stereostructure of poly(vinyl alcohol), 647
Structure of cellulose trinitrate, 809
  and physical properties of polyurethanes, 865
Syndiotactic polymerization, 469
Synthesis of α,ω-difunctional polystyrene, reaction with diisocyanates, 803
  of poly(ethylene 1,2-diphenoxyethane-*p,p'*-dicarboxylate), 683
Tear resistance, 607
Tensile strength, 873
Tetrafluoroethylene–hexafluoropropylene copolymer, 499
3,4,5,6-Tetrahydro-2,4-dioxo-2*H*-1,3-oxazines, 695
Thermosetting reactions, 705
Thermosetting resin, 765
Thionyl chloride, 761
Ti(O-*n*-Bu)$_4$–AlEt$_3$ system, 741
Urushiol homologues, 519
Vinyl chloride, 761
Viscoelastic properties, 597
Wall effect, 533
X-Ray study of cellulose triacetate, 825